

MATERIAL SAFETY DATA SHEET
X-100 SILICONE PASTE LUBRICANT (BS-P)
6/23/05

SECTION I—MANUFACTURER

Crest Industries, Inc., 1337 King Road, Trenton, MI 48183 **Phone:** (734) 479-4141 **FAX:** (734) 479-4040
24 HOUR EMERGENCY TELEPHONE (CHEMTEL): (800) 255-3924 **INTERNATIONAL CALLS:** (813) 248-0585

SECTION II—PRODUCTS

<u>Stock Number</u>	<u>Product Name on Label</u>	<u>Numbers of Ingredients in Product</u>	<u>HMIS RATING</u>			<u>Appearance and Odor</u>	<u>Solubility % in Water</u>	<u>Volatile Volume %</u>
			<u>H</u>	<u>F</u>	<u>R</u>			
BS-P	Silicone Paste Lubricant	1,2	1	0	0	Translucent Paste, No odor	<0.1	-NA-

SECTION III—HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>Exposure Limits* in ppm (parts per million)</u>	<u>Flash Point</u>		<u>Vapor Pressure (mm Hg at 20°C)</u>	<u>Evap. Rate (n-Butyl Acetate=1)</u>	<u>Boiling Point</u>		<u>Flammable Limits in %</u>		<u>Autoignition Pt.</u>	
			<u>°F</u>	<u>°C</u>			<u>°F</u>	<u>°C</u>	<u>Lower</u>	<u>Upper</u>	<u>°F</u>	<u>°C</u>
1. Dimethyl Silicone	63148-62-9	NA	>500	>260	< 1	-NA-	>300	>149	-NA-	-NA-	-NA-	-NA-
2. Fumed Silica	7631-86-9	10 mg/m ³ dust	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-

* > means greater than, < means less than, NA means not applicable

SECTION IV—PHYSICAL DATA

Evaporation Rate: Not Applicable

Vapor Density: Not Applicable

Solubility in Water (Wt%): Less than 0.1%

Volatile Volume %: Not Applicable

Approximate Boiling Point: Not Applicable.

Product Density (water=1): 1.0

Appearance and Odor: SEE SECTION II.

SECTION V—FIRE AND EXPLOSION DATA

Flammability Class: Not Applicable

Flash Point (Open Cup Method): Above 500°F (260°C)

Approximate Flammable Limits: Not Applicable

Auto-ignition Temperature: Not Applicable

Extinguishing Media: Dry chemical, CO₂, foam and water fog are effective but may cause frothing.

Special Fire Fighting Procedures: Use protective equipment in enclosed spaces such as self-contained breathing equipment. If downwind, use respiratory protective equipment. Cool containers with water.

Unusual Fire and Explosion Hazards: None

SECTION VI—HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Skin contact, eye contact.

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION:

Acute Exposure: Not Applicable

Chronic Exposure: Not Applicable

SKIN CONTACT:

Acute Exposure: None but not intended for use on the human body.

Chronic Exposure: Not Applicable

EYE CONTACT:

Acute Exposure: May cause mild eye Irritation.

Chronic Exposure: Same as Acute Exposure

INGESTION:

Acute Exposure: Not Applicable

Chronic Exposure: Not Applicable

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

May cause temporary discomfort to eyes. Non-hazardous through skin contact. Non-hazardous through ingestion. Cannot be inhaled. No fumes or vapors are given off.

CARCINOGENICITY: Products not listed by NTP, IARC or OSHA.

SECTION VII—EMERGENCY AND FIRST AID PROCEDURES

INHALATION: If overcome by fumes or burning, treat for smoke inhalation.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

INGESTION: Suggest an emetic if a large quantity is swallowed.

NOTES TO PHYSICIAN:

Inhalation: Not Applicable.

Eyes: Flush eyes with water until irritation is gone.

Skin: Treat as any contact dermatitis.

Ingestion: Not Applicable

SECTION VIII—EMPLOYEE PROTECTION RECOMMENDATIONS

EYE PROTECTION: Wear safety glasses, splash goggles or face shield. Contact lenses should not be worn.

SKIN PROTECTION: Not normally necessary but solvent resistant gloves if needed.

VENTILATION AND RESPIRATORY PROTECTION: Not Applicable

OTHER PROTECTIVE MEASURES: Eyewash stations should be available. Educate and train employees in safe use of products. Follow all label instructions.

SECTION IX–REACTIVITY DATA

STABILITY: Stable under normal room conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: SiO₂, CO₂ and traces of incompletely burned carbon products.

SECTION X–SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RE-LEASED OR SPILLED: Use absorbent material. Use solvent if necessary. Clean up completely. Residue is slippery to walk on.

WASTE DISPOSAL METHOD: Follow all federal, state and local environmental control regulations. Incineration is the preferred method.

RCRA STATUS: Non-hazardous when discarded.

SECTION XI–SPECIAL PRECAUTIONS & STORAGE DATA

STORAGE TEMPERATURE

MINIMUM / MAXIMUM: 50°F (10°C) / 120°F (49°C)

RECOMMENDED SHELF LIFE: One year

PRECAUTIONS TO BE TAKEN IN HANDLING, STORAGE AND USE: Avoid contact with skin and eyes. Wash hands after use and before eating, drinking, smoking or using the toilet. Employee education and training in the safe use and handling of this material is required under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

KEEP OUT OF THE REACH OF CHILDREN!

SECTION XII–FEDERAL EPA REGULATION COMPLIANCE INFORMATION–EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT of 1986

1) Section 313 Supplier Notification: Chemicals marked with an * in the following tables are subject to the Toxic Chemical Release Inventory Reporting Requirements using **EPA FORM R** (40 CFR Part 372).

2) Section 312: All the chemicals listed are subject to Emergency and Hazardous Chemical Inventory Forms and Community Right-to-Know Reporting Requirements: Tier I and Tier II Reports (40 CFR Part 370).

NOTE: This information **must** be included in all MSDSs that are copied and distributed for this product.

INGREDIENTS–APPROXIMATE PERCENTAGES BY WEIGHT

<u>Ingredients (Chemicals)</u>	<u>CAS Number</u>	<u>WEIGHT PERCENT</u>
1. Polydimethylsiloxane	63148-62-9	96%
2. Fumed Silica	7631-86-9	4%
Physical Hazard-Fire		NOT A HAZARD
Physical Hazard-Pressure Release		NOT A HAZARD
Health Hazard-Acute		NOT A HAZARD
Health Hazard-Chronic		NOT A HAZARD
Physical Hazard-Reactivity		NOT A HAZARD

SECTION XIII–VOLATILE ORGANIC COMPOUND (V.O.C.) CONTENT ACCORDING TO THE FEDERAL EPA

Percent by Weight	0
Pounds per Gallon	0
Grams per Liter	0

SECTION XIV–CALIFORNIA PROPOSITION 65 WARNINGS

According to the California Safe Drinking Water and Toxic Enforcement Act (PROPOSITION 65) "No person in the course of doing business shall knowingly and intentionally expose any individual to a chemical known to the state of California to cause cancer, birth defects or reproductive toxicity without first giving clear and reasonable warning to such individuals of such an exposure".

The following warnings apply: NONE

SECTION XV–OZONE DEPLETION IN THE UPPER ATMOSPHERE

This product does not contain upper atmosphere ozone depleting substances.

DISCLAIMER: The information contained in this MSDS is believed to be accurate and reliable as of the date indicated.

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